

INTERNATIONAL SEARCH REPORT

10/534996
Rec'd PCT/PTO 16 MAY 2005

International Application No

PCT/EP 02/12815

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B1/707

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 768 306 A (ADACHI FUMIYUKI ET AL) 16 June 1998 (1998-06-16) column 4, line 5 - line 15; figure 4	1-18

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the international search

4 July 2003

Date of mailing of the international search report

14/07/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Douglas, I

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/12815

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5768306	A	16-06-1998	CA 2148594 A1	16-03-1995
			CN 1114118 A ,B	27-12-1995
			DE 69423039 D1	23-03-2000
			DE 69423039 T2	13-07-2000
			EP 0668663 A1	23-08-1995
			WO 9507577 A1	16-03-1995
			JP 2764152 B2	11-06-1998
			KR 143825 B1	01-08-1998

WO 2004/047328 A1



Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.